#### **BUREAU OF PUBLIC WATER SUPPLY**

## CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

CAGOOO List PWS ID #s for all Water Systems Covered by this CCR

BUNKER HUL WATER ATEN,
Public Water Supply Name

confide	deral Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer nece report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
Please 2	Answer the Following Questions Regarding the Consumer Confidence Report
*	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other AT SUNKINHUL SEFFCE
	Date customers were informed: 6/1/2013
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed: / /_
1	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: PRW7135 HEADLEHT
	Date Published: 6 130 12
<b>X</b>	CCR was posted in public places. (Attach list of locations)
	Date Posted 6 12/12 BUNKENHILL OFFICE
	CCR was posted on a publicly accessible internet site at the address: www
<u>CERTI</u>	FICATION .
consiste	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is ent with the water quality monitoring data provided to the public water system officials by the Mississippi State nent of Health, Bureau of Public Water Supply.

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

BOBBY SELMAN / DRENSTOR Name/Title (President, Mayor, Owner, etc.)

2012 JUN 28 AM 9; 36

#### 2011 Annual Drinking Water Quality Report

### BUNKERHILL WATER ASSOCIATION

## PWS ID # 460001 JUNE 12, 2012

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from three wells producing water from the Citronelle Formation Aquifer.

Our source water assessment has been completed for our wells and it shows our wells have a lower susceptibility to contamination.

I'm pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Bobby Selman, our operator, at 601-455-0334. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held monthly on the third Monday of every month at 6 P.M.

Bunkerhill Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1\* to December 31\*, 2011. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

*Picocuries per liter (pCi/L)* - picocuries per liter is a measure of the radioactivity in water.

Action Level- the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level- The AMaximum Allowed≅ (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal- The AGoal≅(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

				TEST F	RESULTS	<b>,</b>		
Contaminant	Violatio n Y/N	Date Collected	Level Detecte d	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurem ent	MCL G	MCL	Likely Source of Contamination
Disinfectants & (There is consid	<b>Disinfectior</b> lerable evide	n <b>By-Product</b> nce that addi	s tion of a dis	sinfectant is nece	essary for cont	rol of micr	obial contaminants.)	
Chlorine (asCL2)	N	2011	1.0 (RAA) Running Annual Average	0.90-low 1.05-high	ppm	4.0	4.0	Water additive used to control microbes
Inorganic Conta	aminants							
10. Barium	N	1/20/2010	0.0177	0	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries erosion of natural deposits
14. Copper	N	8-10-2011	0.0059	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	8-10-2011	3.6	0	ppb	0	AL-15	Corrosion of household plumbing systems, erosion of natural deposits
19.Nitrate	N	3-2-2011	0.71	No Range	ppm	10	10	Runoff from Fertilizer use;leaching from septic tank sewage;erosion from natural deposits

Inorganic Contaminants:

- (10) Barium. Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.
- (14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.
- (17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.
- (19) Nitrate. Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency=s Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

#### \*\*\*\*\*\* A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007- December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

\*\*\*\*\*\*\* Additional Information for Lead\*\*\*\*\*\*\*\*\*

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Bunckerhill Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our childrens future.

#### PROOF OF PUBLICATION

THE PRENTISS HEADLIGHT PO BOX 1257 PRENTISS, MS 39474-1257 (601) 792-4221

## THE STATE OF MISSISSIPPI, COUNTY OF JEFFERSON DAVIS:

Personally appeared before me, the undersigned authority in and for the County and State aforesaid, Karen Sanford, who having been by me first duly sworn, states on oath that she is the General Manager of THE PREN-TISS HEADLIGHT, a legal newspaper established and having a general circulation in the Town of Prentiss and saidCounty and State aforesaid for more than twelve months prior to the first publication of the notice herein, a copy of which is hereto attached, and that said notice has been published in said newspaper \_\_\_\_ consecutive times with the respective numbers and dates as follows:

VOL. 106 NO. 41	ON THE 20	DAY OF _	un , 20 12
VOL NO	ON THE	_ DAY OF $\underline{\ \ \ }$	, 20
VOL NO	ON THE	_ DAY OF	, 20
VOL NO	ON THE	_ DAY OF	, 20
VOL NO	ON THE	_ DAY OF	, 20
VOL NO	ON THE	_ DAY OF	, 20

General Manager

j			OF MISS	0	1
SW	ORN TO AND	SUBSCRIBED	BEFORE ME THIS 22	_ DAY OF	20 <u>/2</u>
5.		J	λ 1D # 97372		
· ·	NOTARY	Level	TERRELL TYNES		
Ą			Commission Expires Oct. 24, 2014		
96			4 5 6 000 000 000 000		

# 2011 Annual Droking Water Quality Report BUNKERHILL WATER ASSOCIATION FWS 1D # 460001 JUNE 12, 2012

We're pleased to present to you his pear's Annual Water Onality Report. This report is designed to inform you alrest the qualwater and service we deliver to you every day. Our constant goal is to provide you with a safe and dependable copyly of dirabling, west. We want you understand the efficiency enable to condinably improve the water treatment process and proceed our resources. We want you understand the efficiency of the process of the process and proceed our resources. We are committed to ensuring the quality of your water. Our water source is from three wells producing water from the Chronic Revision Assister.

Our source water assessment has been completed for our wells and it shows our wells have a lower susceptibility contamination.

I'm pleased to report that our drinking water meets all federal and state requirements.

This percent shows our water making and what it means

If you have my reservisors about this report or concentrate you water utility, please contact Bobby Selman, our regugns a 200.
\$\$6,553.4.Ww water modest cutiners by the informed about their witer utility. If you must his earn more, legislated payly our regularly schoolsed meetings. They are held mountly on the third Montaly of every mouth at G.P.M.
Blackschaff Water Association regularly promises for consistent in your displant water accreding to Perfect a gad Stee Est.
This dath shows the results of our monitoring for the period of January 1° to December 31°, 2011. A swater trivelege, the held to be shown the results of our monitoring for the period of January 1° to December 31°, 2011. A swater trivelege, the held to be shown the results of our monitoring for the period of January 1° to December 31°, 2011. A swater trivelege, the held of the shown that the period of the state of the state of the state of the swater trivelege of the period of the state of the swater trivelege of the period of the swater trivelege of the substitute. All drinking water, including boulded drinking water, may be reasonably a spected to consist a least arm of grounders.

If the state of the state of the swater trivelege of the swate

In this table you will find many terms and abbreviations you maght not be familiar with. To help you better under the terms while provided the following definitions:

or Defects (ND): laboratory analysis indicates that the constituent is not present.

ots per nullion (open) or Milligrams per liter (mg/l) - one past per million corresponds to one ministe in two year age penny in \$10,000.

Pure per billion (ppb) or Micrograms per liter-cise purt per billion corresponds to one minute in 2,000 years, or a sind petmy in \$10,000,000.

Action Level - the concentration of a contuminant which, if exceeded, integers treatment or other continues which a wat system must follow.

Treatment Technique (17). A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Confaminant Level. The AMaximum Allowedia (MCI) is the highest level of a confaminant that is allowed in drinking water. MCI a are set as close to the MCIGs as Reasible using the best available treatment (echnology.

Maximum Contaminum Level Gud. The AGoula (MCLG) is the level of a contaminant in drinking water below which there

		ring (Markin	14.14.1	TEST	RESULTS		And State of	With Walter All
Contaminant	Violatic H Y/N	Date Collected	Level Desecte d	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurem ent	MCL G	MCL	Likely Source of Conferentiation
Divisioneres & D (There is consider	minfection able evak	By-Product nce that add	s tion of a dis	infection is need	essary for core	rol of m	crobial concentration(s.)	
Chlorios 6s/CL21	N	2011	1.0 (RAA) Running Answel	0.90-low 1.05-high	ppm	10.	4.0	Water additive used to control microbes

CMonios (arCL2)	N	2011	1.0 (RAA) Running Answel Average	0.90-low 1.05-high	pjym	ιο.	4.0	Water addition used to control microbes
Inorganic Contac	ordania	15 fts	and the same		okobioka	Minte.	- 1	
(O: Barton	N	1/30/3010	0.0177	•	Pper	2	2	Disclorage of drilling scates; disclarage from metal refinery emission of natural deposits
14. Copper	N	8-10-2011	0.0659	0	pşen	1.3	AL-13	Corresson of foundbold plot systems; cross abing material deposits of levelstat from preservato in second
17. Lead	N	8-10-2011	3.6	0	ppb	0	AL-15	Correse of locate <sup>1</sup> and spite lock phonorage suffree, greeness of
19.Nigrand 19.55.A	N-	3.2.9011	0.71	No Range	pçen	10	10	Rent deposits Fortification section from screen are

Inorganic Contambiants:
(10) Bartons. Some people who drink water contaming barians is excess of the MCL over many years could experience an market blood recourse.

there blood persons.

(I) (I) Copper Copper is an executal matrixe, but some people who drive were containing copper in cases of the selection of the country of the country short amount of time could experience against instantial distress. Some people who drive have constaining or but over a few action of the country and country of the country and country of the selection (even time) are selected to exclude few or makey person could suffer here or kidecy demands. People with Witcer's Disease about constall their as execut of the school feet of our makey person could suffer her or kidecy demands. People with Witcer's Disease about constall their as execut of the school feet of the selection of the country of the school feet of the selection of t

and, if subrested, may the Symposium include doctores of briefs and blockably symbosus.

All sources of directal water to relayed to posteriol contemporary in substance that are notionally occurring or issuit reader. These sources in the mistrades, intergrate or organic chemicals and indicators industries. All direction server, and without profession statement, which is a small source of the contemporary or organic chemicals. The presence of contaminants does not reconsist yield with that the relay of the contemporary or organic chemicals and the profession of contamination does not reconsist yield with that the relay of the contemporary or organic chemicals and the relay of contamination of the contemporary or organic chemicals and the relation to be obtained by reliang the Environmental Processing.

Some prople pairy be more valuerable to confaminate in defaults water than the general propulsion. Immuno-consponment prisons such as proceed with concer undergoing characteristic grounds with the proceed with concer undergoing characteristic grounds with the proceed with concern undergoing control that the WHAD file of collections. These proples because the whole should work and file man indeptions. These proples because the deal where should which give from their bank for a provider. EVACUE guidelines on a paperquist means to because to the dis- effective by confident painting with all failures and providers are provided to the providers of t

......A MESSAGE FROM MISTH CONCERNING RADIOLOGICAL SAMPLING.....

In accordance with the Radionalkies Rule, all community public users supples receive request to a sample symmetry for miscordable beginning illusive 300°. December 200°, You public water supply considered searching in the backed december. Inversive financiar and it the Mislowleys described required to the Annual Part Department of the Professional Profes

Additional Information for Lead

If present, should bear of any case one case on evices bearing products, especially for presents remove such young children. Lead on deshibits, were in primarily from materials and composents associated with waveful lean and home placetime. But calculated the responsible for providing high ready deshibits were, but cannot control the neity of materials used in planning composents. When an expensible for providing high ready deshibits were, but cannot control the neity of materials used in planning composents. When a provide high providing is sufficient to the control of the providence of the providing planning of the providing planning to the providing plannin

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children

c. la sei Note frozen mushir